

Star 101 1951

(4)

SHOTGUNS, CENTERFIRES, RIMFIRES (PUMPS & AUTOLOADERS)TEST PROCEDURE SHEETModel 700 6mmSerial No. 2674574Headspace as Received: \_\_\_\_\_Safe - "ON" - 1. 6.50"OFF" - 1. 5.00Proof: \_\_\_\_\_

(6.50)

2. 6.50

(4.8)

2. 4.753. 6.503. 4.75Headspace after Proof: MIN 4.002Firing Pin Indent(in.)1. 1.0222. 0.2153. 1.0225

Lean

Left

.013

Eng

013

Bolt Open Force(lbs.)

Cocked: 1. \_\_\_\_\_

Dry Fired: 1. \_\_\_\_\_

2. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

3. \_\_\_\_\_

Trigger Pull(lbs.)1. 5.502. 5.503. 5.25

(5.4)

Bolt Release Force(lbs.)

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

Gun Length: \_\_\_\_\_

Gun Weight: \_\_\_\_\_

Center of Gravity: \_\_\_\_\_

Bore: \_\_\_\_\_

Choke: \_\_\_\_\_

Orifice Size: \_\_\_\_\_

Bolt Closing Velocity: \_\_\_\_\_

Magazine Spring Force: \_\_\_\_\_

Disconnecter Check: \_\_\_\_\_

Primer Marking: \_\_\_\_\_

Safety Check: \_\_\_\_\_

Firing Pin Protrusion: \_\_\_\_\_

Pattern Test (Avg. of 5)

Group Size: \_\_\_\_\_

Horz.: \_\_\_\_\_

Vert.: \_\_\_\_\_

Accuracy (Avg. of 5)

Group Size: \_\_\_\_\_

Horz.: \_\_\_\_\_

Vert.: \_\_\_\_\_ P.O.I.: \_\_\_\_\_

• Tester and Date: \_\_\_\_\_

CJS  
I-12-82

After 1,000 Rounds

(4)

SHOTGUNS, CENTERFIRES, RIMFIRES (PUMPS & AUTOLOADERS)TEST PROCEDURE SHEETModel: 700 M.M.Serial No. A6745544Headspace as Received: \_\_\_\_\_Safe - "ON" - I. 7.0"OFF" - I. 5.0Proof: \_\_\_\_\_2. 7.02. 5.0Headspace after Proof: M 4.003

(7.1)

3. 7.5

(5.0)

3. 5.0Firing Pin Indent(in.)I. .0225

(0.022)

2. .02253. .022*Searc  
lift .012  
avg. .014*Trigger Pull(lbs.)I. 5.75

(5.6)

2. 5.753. 5.50Bolt Open Force(lbs.)

Cocked: I. \_\_\_\_\_

Dry Fired: I. \_\_\_\_\_

2. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

3. \_\_\_\_\_

Bolt Release Force(lbs.)

I. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

Gun Length: \_\_\_\_\_

Primer Marking: \_\_\_\_\_

Gun Weight: \_\_\_\_\_

Safety Check: \_\_\_\_\_

Center of Gravity: \_\_\_\_\_

Firing Pin Protrusion: \_\_\_\_\_

Bore: \_\_\_\_\_

Pattern Test (Avg. of 5)

Choke: \_\_\_\_\_

Group Size: \_\_\_\_\_

Orifice Size: \_\_\_\_\_

Horz.: \_\_\_\_\_

Bolt Closing Velocity: \_\_\_\_\_

Vert.: \_\_\_\_\_

Magazine Spring Force: \_\_\_\_\_

Accuracy (Avg. of 5)

Disconnecter Check: \_\_\_\_\_

Group Size: \_\_\_\_\_

Horz.: \_\_\_\_\_

Vert.: \_\_\_\_\_ P.O.I.: \_\_\_\_\_

CJS

I-12-82

• Tester and Date: \_\_\_\_\_

After 2,000

Rounds

6-10-82

SHOTGUNS, CENTERFIRES, RIFLES (PUMPS &amp; AUTOLOADERS)

## TEST PROCEDURE SHEET

Model 700 6MMSerial No A6745544

Headstace as Received: \_\_\_\_\_

Safe - "ON" - I. 6.5"OFF" - I. 5.5

Proof: \_\_\_\_\_

(6.75) 2. 7.0  
3. 6.75(5.1) 2. 5.0  
3. 5.0Headspace after Proof: M + .003

Firing Pin Indent(in.)

I. .0232. .0223. .022

Bolt Open Force(lbs.)

Cocked: I. \_\_\_\_\_

Dry Fired: I. \_\_\_\_\_

2. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

3. \_\_\_\_\_

Trigger Pull(lbs.)

I. 6.02. 5.53. 5.0

Bolt Release Force(lbs.)

I. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

Gun Length: \_\_\_\_\_

Gun Weight: \_\_\_\_\_

Center of Gravity: \_\_\_\_\_

Bore: \_\_\_\_\_

Choke: \_\_\_\_\_

Orifice Size: \_\_\_\_\_

Bolt Closing Velocity: \_\_\_\_\_

Magazine Spring Force: \_\_\_\_\_

Disconnecter Check: \_\_\_\_\_

Primer Marking: \_\_\_\_\_

Safety Check: \_\_\_\_\_

Firing Pin Protrusion: \_\_\_\_\_

Pattern Test (Avg. of 5)

Group Size: \_\_\_\_\_

Horz.: \_\_\_\_\_

Vert.: \_\_\_\_\_

Accuracy (Avg. of 5)

Group Size: \_\_\_\_\_

Horz.: \_\_\_\_\_

Vert.: \_\_\_\_\_ P.O.I.: \_\_\_\_\_

• Tester and Date: \_\_\_\_\_

CJS  
I-12-82

*After 2,500 Rounds**(4)*SHOTGUNS, CENTERFIRES, RIFLES (PUMPS & AUTOLOADERS)TEST PROCEDURE SHEETModel 700 6MMSerial No. A6745544Headspace as Received: \_\_\_\_\_Safe - "ON" - I. 6.0"OFF" - I. 4.0Proof: \_\_\_\_\_*(6.0)*2. 6.0*(4.0)*2. 4.0Headspace after Proof: M + .0033. 6.03. 4.0Firing Pin Indent (in.)Bolt Open Force (lbs.)I. .0195

Cocked: I. \_\_\_\_\_

Dry Fired: I. \_\_\_\_\_

*(.020)* 2. .0195

2. \_\_\_\_\_

2. \_\_\_\_\_

3. .021

3. \_\_\_\_\_

3. \_\_\_\_\_

*Seare  
lift .012  
eng. .0205*Trigger Pull (lbs.)Bolt Release Force (lbs.)I. 5.5

I. \_\_\_\_\_

2. 5.5 *(5.5)*

2. \_\_\_\_\_

3. 5.75

3. \_\_\_\_\_

Gun Length: \_\_\_\_\_Primer Marking: \_\_\_\_\_Gun Weight: \_\_\_\_\_Safety Check: \_\_\_\_\_Center of Gravity: \_\_\_\_\_Firing Pin Protrusion: \_\_\_\_\_Bore: \_\_\_\_\_Pattern Test (Avg. of 5)Choke: \_\_\_\_\_

Group Size: \_\_\_\_\_

Orifice Size: \_\_\_\_\_

Horz.: \_\_\_\_\_

Bolt Closing Velocity: \_\_\_\_\_

Vert.: \_\_\_\_\_

Magazine Spring Force: \_\_\_\_\_Accuracy (Avg. of 5)Disconnecter Check: \_\_\_\_\_

Group Size: \_\_\_\_\_

Horz.: \_\_\_\_\_

Vert.: \_\_\_\_\_ P.O.I.: \_\_\_\_\_

CJS  
I-12-82

• Tester and Date: \_\_\_\_\_

REPORT NO. F20501 DRY CYCLE SUMMARY PAGE NO. 1  
 TESTER: W/L 6-3-82 TEST TITLE: \_\_\_\_\_  
 PREVIOUS CYCLES: \_\_\_\_\_ RIFLE NO. 16745544 (4)  
 DRY CYCLE SIMULATOR NO. 10095 NULL BOLT NO. \_\_\_\_\_  
 CYCLE RATE: 10125 FULL FIRE CONTROL NO. 4  
 LUBRICATION: Hoppe's #9 WORK ORDER NO. \_\_\_\_\_

NO. OF CYCLES: 500 TOTAL: 500  
 SEAR LIFT: .013 SEAR ENGAGEMENT: .013  
 TRIGGER PULL: 1. 5.5 2. 5.5 3. 5.5 (5.5)

| OBSERVATIONS: | SAFE ON FORCE | SAFE OFF FORCE   | BOLT LIFT-COCKED | BOLT LIFT-FIRED |
|---------------|---------------|------------------|------------------|-----------------|
| 1.            | <u>7.0</u>    | <u>8.5</u>       |                  |                 |
| (8.1) 2.      | <u>9.0</u>    | <u>9.0</u> (8.1) |                  |                 |
| 3.            | <u>9.5</u>    | <u>8.0</u>       |                  |                 |

NO. OF CYCLES: 500 TOTAL: 1,000  
 SEAR LIFT: \_\_\_\_\_ SEAR ENGAGEMENT: \_\_\_\_\_  
 TRIGGER PULL: 1. 5.5 2. 5.25 3. 5.5 (5.4)

| OBSERVATIONS: | SAFE ON FORCE | SAFE OFF FORCE   | BOLT LIFT-COCKED | BOLT LIFT-FIRED |
|---------------|---------------|------------------|------------------|-----------------|
| 1.            | <u>7.5</u>    | <u>9.0</u>       |                  |                 |
| (8.0) 2.      | <u>8.5</u>    | <u>7.5</u> (8.0) |                  |                 |
| 3.            | <u>8.0</u>    | <u>7.5</u>       |                  |                 |

NO. OF CYCLES: 500 TOTAL: 1,500  
 SEAR LIFT: \_\_\_\_\_ SEAR ENGAGEMENT: \_\_\_\_\_  
 TRIGGER PULL: 1. 5.75 2. 5.5 3. 5.5 (5.58)

| OBSERVATIONS: | SAFE ON FORCE | SAFE OFF FORCE   | BOLT LIFT-COCKED | BOLT LIFT-FIRED |
|---------------|---------------|------------------|------------------|-----------------|
| 1.            | <u>7.0</u>    | <u>9.0</u>       |                  |                 |
| (9.3) 2.      | <u>7.5</u>    | <u>9.0</u> (8.8) |                  |                 |
| 3.            | <u>7.5</u>    | <u>8.5</u>       |                  |                 |

NO. OF CYCLES: 500 TOTAL: 2,000  
 SEAR LIFT: \_\_\_\_\_ SEAR ENGAGEMENT: \_\_\_\_\_  
 TRIGGER PULL: 1. 5.5 2. 5.5 3. 5.5 (5.5)

| OBSERVATIONS: | SAFE ON FORCE | SAFE OFF FORCE   | BOLT LIFT-COCKED | BOLT LIFT-FIRED |
|---------------|---------------|------------------|------------------|-----------------|
| 1.            | <u>8.5</u>    | <u>8.5</u>       |                  |                 |
| (8.8) 2.      | <u>7.0</u>    | <u>8.1</u> (9.0) |                  |                 |
|               | <u>7.1</u>    | <u>7.5</u>       |                  |                 |

REPORT NO. 820501

DRY CYCLE SUMMARY

PAGE NO. 2TESTER: P.A.

TEST TITLE: \_\_\_\_\_

PREVIOUS CYCLES: \_\_\_\_\_

6-8-82RIFLE NO. A6745544 (4)

DRY CYCLE SIMULATOR NO. \_\_\_\_\_

BOLT NO. \_\_\_\_\_

CYCLE RATE: \_\_\_\_\_

FIRE CONTROL NO. 4LUBRICATION: Hopper's #9

WORK ORDER NO. \_\_\_\_\_

NO. OF CYCLES: 500TOTAL: 2,500SEAR LIFT: .0115SEAR ENGAGEMENT: .014TRIGGER PULL: 1. 6.0 2. 5.5 3. 5.5 (5.6)

OBSERVATIONS: SAFE ON FORCE SAFE OFF FORCE BOLT LIFT-COCKED BOLT LIFT-FIRED

|                     |                  |  |  |
|---------------------|------------------|--|--|
| 1. <u>8.5</u>       | <u>9.0</u>       |  |  |
| (6.1) 2. <u>8.0</u> | <u>9.0</u> (8.8) |  |  |
| 3. <u>8.0</u>       | <u>8.5</u>       |  |  |

NO. OF CYCLES: 500TOTAL: 3,000

SEAR LIFT: \_\_\_\_\_

SEAR ENGAGEMENT: \_\_\_\_\_

TRIGGER PULL: 1. 5.5 2. 5.5 3. 5.5 (5.5)

OBSERVATIONS: SAFE ON FORCE SAFE OFF FORCE BOLT LIFT-COCKED BOLT LIFT-FIRED

|                     |                  |  |  |
|---------------------|------------------|--|--|
| 1. <u>7.5</u>       | <u>9.0</u>       |  |  |
| (7.1) 2. <u>7.0</u> | <u>9.0</u> (8.0) |  |  |
| 3. <u>7.0</u>       | <u>8.0</u>       |  |  |

NO. OF CYCLES: 500TOTAL: 3,500

SEAR LIFT: \_\_\_\_\_

SEAR ENGAGEMENT: \_\_\_\_\_

TRIGGER PULL: 1. 6.0 2. 5.5 3. 5.5 (5.6)

OBSERVATIONS: SAFE ON FORCE SAFE OFF FORCE BOLT LIFT-COCKED BOLT LIFT-FIRED

|                     |                  |  |  |
|---------------------|------------------|--|--|
| 1. <u>6.0</u>       | <u>8.0</u>       |  |  |
| (6.6) 2. <u>7.0</u> | <u>7.0</u> (7.3) |  |  |
| 3. <u>7.0</u>       | <u>7.0</u>       |  |  |

NO. OF CYCLES: 500TOTAL: 4,000

SEAR LIFT: \_\_\_\_\_

SEAR ENGAGEMENT: \_\_\_\_\_

TRIGGER PULL: 1. 5.75 2. 5.5 3. 5.5 (5.5)

OBSERVATIONS: SAFE ON FORCE SAFE OFF FORCE BOLT LIFT-COCKED BOLT LIFT-FIRED

|                     |                  |  |  |
|---------------------|------------------|--|--|
| 1. <u>7.5</u>       | <u>7.5</u>       |  |  |
| (7.1) 2. <u>7.0</u> | <u>9.0</u> (8.0) |  |  |
| <u>7.0</u>          | <u>8.0</u>       |  |  |

REPORT NO. \_\_\_\_\_

## DRY CYCLE SUMMARY

PAGE NO. \_\_\_\_\_

TESTER: R.W.

TEST TITLE: \_\_\_\_\_

PREVIOUS CYCLES: \_\_\_\_\_

6-10-82RIFLE NO. A6745544 (4)

DRY CYCLE SIMULATOR NO. \_\_\_\_\_

BOLT NO. \_\_\_\_\_

CYCLE RATE: \_\_\_\_\_

FIRE CONTROL NO. \_\_\_\_\_

LUBRICATION: Hoppe's #9

WORK ORDER NO. \_\_\_\_\_

NO. OF CYCLES: 500TOTAL: 4,500

SEAR LIFT: \_\_\_\_\_

SEAR ENGAGEMENT: \_\_\_\_\_

TRIGGER PULL: 1. 5.25 2. 5.0 3. 5.25 (5.1)

OBSERVATIONS: SAFE ON FORCE SAFE OFF FORCE BOLT LIFT-COCKED BOLT LIFT-FIRED

|                     |                  |  |  |
|---------------------|------------------|--|--|
| 1. <u>6.5</u>       | <u>7.0</u>       |  |  |
| (6.6) 2. <u>6.5</u> | <u>7.5</u> (7.1) |  |  |
| 3. <u>7.0</u>       | <u>7.0</u>       |  |  |

NO. OF CYCLES: 500TOTAL: 5,000SEAR LIFT: .0125SEAR ENGAGEMENT: .015TRIGGER PULL: 1. 5.75 2. 5.5 3. 5.5 (5.58)

OBSERVATIONS: SAFE ON FORCE SAFE OFF FORCE BOLT LIFT-COCKED BOLT LIFT-FIRED

|                     |                  |  |  |
|---------------------|------------------|--|--|
| 1. <u>7.0</u>       | <u>7.0</u>       |  |  |
| (6.5) 2. <u>6.5</u> | <u>6.5</u> (6.6) |  |  |
| 3. <u>6.0</u>       | <u>6.5</u>       |  |  |

NO. OF CYCLES: 500TOTAL: 5,500

SEAR LIFT: \_\_\_\_\_

SEAR ENGAGEMENT: \_\_\_\_\_

TRIGGER PULL: 1. 5.75 2. 5.75 3. 5.75 (5.75)

OBSERVATIONS: SAFE ON FORCE SAFE OFF FORCE BOLT LIFT-COCKED BOLT LIFT-FIRED

|                     |                  |  |  |
|---------------------|------------------|--|--|
| 1. <u>6.0</u>       | <u>6.5</u>       |  |  |
| (5.8) 2. <u>6.0</u> | <u>6.5</u> (6.5) |  |  |
| 3. <u>5.5</u>       | <u>6.5</u>       |  |  |

NO. OF CYCLES: 500TOTAL: 6,000

SEAR LIFT: \_\_\_\_\_

SEAR ENGAGEMENT: \_\_\_\_\_

TRIGGER PULL: 1. 5.75 2. 6.0 3. 6.0 (5.9)

OBSERVATIONS: SAFE ON FORCE SAFE OFF FORCE BOLT LIFT-COCKED BOLT LIFT-FIRED

|               |                  |  |  |
|---------------|------------------|--|--|
| 1. <u>6.0</u> | <u>5.5</u>       |  |  |
| 2. <u>6.0</u> | <u>5.0</u> (5.1) |  |  |
| <u>6.0</u>    | <u>5.0</u>       |  |  |

REPORT NO. \_\_\_\_\_

## DRY CYCLE SUMMARY

Gun (4)

PAGE NO. \_\_\_\_\_

TESTER: \_\_\_\_\_

M-700

TEST TITLE: \_\_\_\_\_

PREVIOUS CYCLES: \_\_\_\_\_

6MM

RIFLE NO. A6745544

DRY CYCLE SIMULATOR NO. \_\_\_\_\_

BOLT NO. \_\_\_\_\_

CYCLE RATE: \_\_\_\_\_

6-14-92

FIRE CONTROL NO. \_\_\_\_\_

LUBRICATION: Hoppe's #9

WORK ORDER NO. \_\_\_\_\_

NO. OF CYCLES: 500TOTAL: 6,500

SEAR LIFT: \_\_\_\_\_

SEAR ENGAGEMENT: \_\_\_\_\_

TRIGGER PULL: 1. 6.0 2. 5.5 3. 5.75 (5.75)

OBSERVATIONS: SAFE ON FORCE

SAFE OFF FORCE

BOLT LIFT-COCKED

BOLT LIFT-FIRED

1. 7.05.5(6.8) 2. 6.56.0 (5.6)3. 7.05.5NO. OF CYCLES: 500TOTAL: 7,000

SEAR LIFT: \_\_\_\_\_

SEAR ENGAGEMENT: \_\_\_\_\_

TRIGGER PULL: 1. 5.75 2. 5.5 3. 5.75 (5.6)

OBSERVATIONS: SAFE ON FORCE

SAFE OFF FORCE

BOLT LIFT-COCKED

BOLT LIFT-FIRED

1. 7.56.5(6.8) 2. 6.56.0 (6.0)3. 6.55.5NO. OF CYCLES: 500TOTAL: 7,500SEAR LIFT: .011SEAR ENGAGEMENT: .0185TRIGGER PULL: 1. 6.25 2. 5.5 3. 5.5 (5.75)

OBSERVATIONS: SAFE ON FORCE

SAFE OFF FORCE

BOLT LIFT-COCKED

BOLT LIFT-FIRED

1. 6.55.5(6.5) 2. 6.05.5 (5.3)3. 7.05.0

NO. OF CYCLES: \_\_\_\_\_

TOTAL: \_\_\_\_\_

SEAR LIFT: \_\_\_\_\_

SEAR ENGAGEMENT: \_\_\_\_\_

TRIGGER PULL: 1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_

OBSERVATIONS: SAFE ON FORCE

SAFE OFF FORCE

BOLT LIFT-COCKED

BOLT LIFT-FIRED

1. \_\_\_\_\_

2. \_\_\_\_\_